

Docket No.: HI-0075

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
: So Young BAE, Sung Bae JUN
and Kyoung Ro YOON :
Serial No. New U.S. Patent Application :
Filed: March 8, 2002 :
For: ARTICLE-BASED NEWS VIDEO CONTENT SUMMARIZING METHOD
AND BROWSING SYSTEM

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Prior to initial examination on the merits, please amend the above-identified application
as follows:

IN THE CLAIMS:

Please amend claims 3-5, 8-11, and 15-17 as follows:

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Amended Claims With Mark-ups to Show Changes Made

3. (Amended) The method as set forth in claim 1 [or claim 2], wherein the anchor key frame is extracted from an anchor shot of the news article.

4. (Amended) The method as set forth in claim[s] 1 [or claim 2], wherein the episode key frame is extracted from an episode scene within the news article and represents the episode scene.

5. (Amended) The method as set forth in claim[s] 1 [or claim 2], wherein the text key frame is a summary that key texts scattered in the news article and representative of contents of the news article are synthesized in an image.

8. (Amended) The browsing interface as set forth in claim 6 [or claim 7], wherein the anchor key frame is extracted from an anchor shot of each of the news articles.

9. (Amended) The browsing interface as set forth in claim[s] 6 [or claim 7], wherein the episode key frame is extracted from an episode scene within each of the news articles to represent the episode scene.

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10. (Amended) The browsing interface as set forth in claim[s] 6 [or claim 7], wherein the text key frame is a summary that key texts scattered in each of the news articles and representative of contents of each news article are synthesized in an image.

11. (Amended) The browsing interface as set forth in claim[s] 6 [or claim 7], wherein the browsing interface is displayed in such a way that the summary elements of each of the news articles are arranged in a corresponding part of the display area.

15. (Amended) The browsing system as set forth in claim 13 [or claim 14], wherein the anchor key frame is extracted from an anchor shot of each of the news articles, wherein the episode key frame is extracted from an episode scene within each of the news articles to represent the episode scene, and wherein the text key frame is a summary that key texts scattered in each of the news articles are synthesized in an image.

16. (Amended) The browsing system as set forth in claim 13 [or claim 14], wherein the browsing interface represented by the display means divides a display area for each news article, and wherein the browsing interface is implemented as an arrangement of the summary elements for each of the news articles in a corresponding part of each display area.

17. (Amended) The browsing system as set forth in claim 13 [or claim 14], wherein the video content is presented from a play reopening start position that is a beginning position of the selected news article when user requests a play of selected news article.

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Clean Set of Amended Claims

3. (Amended) The method as set forth in claim 1, wherein the anchor key frame is extracted from an anchor shot of the news article.

4. (Amended) The method as set forth in claim 1, wherein the episode key frame is extracted from an episode scene within the news article and represents the episode scene.

5. (Amended) The method as set forth in claim 1, wherein the text key frame is a summary that key texts scattered in the news article and representative of contents of the news article are synthesized in an image.

8. (Amended) The browsing interface as set forth in claim 6, wherein the anchor key frame is extracted from an anchor shot of each of the news articles.

9. (Amended) The browsing interface as set forth in claim 6, wherein the episode key frame is extracted from an episode scene within each of the news articles to represent the episode scene.

200905-54526007

10. (Amended) The browsing interface as set forth in claim 6, wherein the text key frame is a summary that key texts scattered in each of the news articles and representative of contents of each news article are synthesized in an image.

11. (Amended) The browsing interface as set forth in claim 6, wherein the browsing interface is displayed in such a way that the summary elements of each of the news articles are arranged in a corresponding part of the display area.

15. (Amended) The browsing system as set forth in claim 13, wherein the anchor key frame is extracted from an anchor shot of each of the news articles, wherein the episode key frame is extracted from an episode scene within each of the news articles to represent the episode scene, and wherein the text key frame is a summary that key texts scattered in each of the news articles are synthesized in an image.

16. (Amended) The browsing system as set forth in claim 13, wherein the browsing interface represented by the display means divides a display area for each news article, and wherein the browsing interface is implemented as an arrangement of the summary elements for each of the news articles in a corresponding part of each display area.

17. (Amended) The browsing system as set forth in claim 13, wherein the video content is presented from a play reopening start position that is a beginning position of the selected news article when user requests a play of selected news article.

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REMARKS

Claims 1-19 are pending. Claims 3-5, 8-11, and 15-17 have been amended to eliminate the multiple dependency. Prompt examination and allowance in due course are respectfully solicited.

Respectfully submitted,

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